

Unscheduled DNA Synthesis Assay in Rat Primary Hepatocytes Using Test Article Extracts

CONCLUSION

All criteria for a valid test were met as described in the protocol. The results of the UDS assay indicate that, under the conditions of this study, neither the saline nor the dimethylsulfoxide extracts of BIOCELL® Saline-filled Mammary Implant, Style 168 caused a significant increase in the unscheduled DNA synthesis as measured by an increase in net nuclear grain counts (i.e., an increase of at least 5 counts over the corresponding extraction blank) and were concluded to be negative.

REFERENCES

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- Williams, G.M., Carcinogen-induced DNA repair in primary rat liver cell cultures, a possible screen for chemical carcinogens. *Canc. Lett.*, 1:231-237, 1977.